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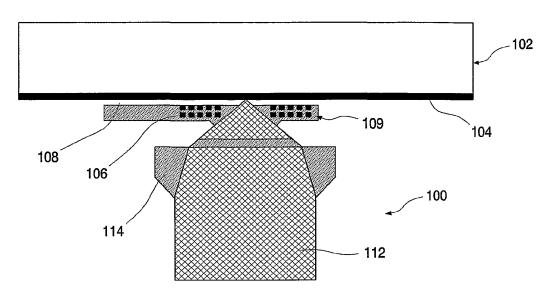
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(54) Title: INTEGRATED MAGNETO-OPTICAL WRITE/READ HEAD



(57) Abstract: A Method of Manufacturing an Integrated Magneto-Optical Element for use in a Digital Magneto-Optical Signal write/Read Head and an Integrated Magneto-Optical Element Manufactured According to the Method A method of manufacturing an integrated magneto-optical element for use in a digital magneto-optical signal read/write head, in which the manufacturing techniques of thin film coils are combined with lens-making techniques to realise a high performance, reliable and cost-effective lens-MFM coil combination for use in a slider having an air bearing surface for "flying" just above a surface of a storage medium (102) during operation. The method comprises two principal steps: Step I is to make an MFM coil (106) by means of a thin film technique, and Step 2 is to make an objective lens (114) on top of the transparent (e.g. glass) plate (109) in which the MFM coil (106) is located.

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